

MASTER
(do not mark)

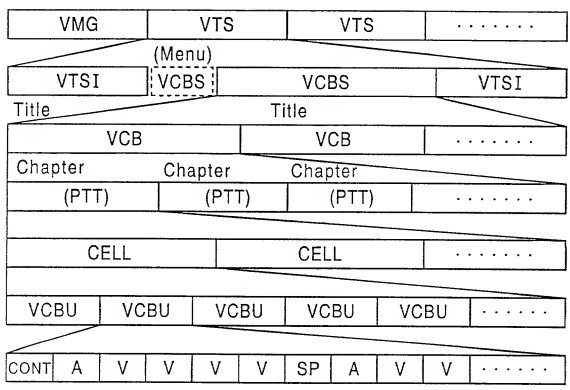


Fig. 1(a) PRIOR ART



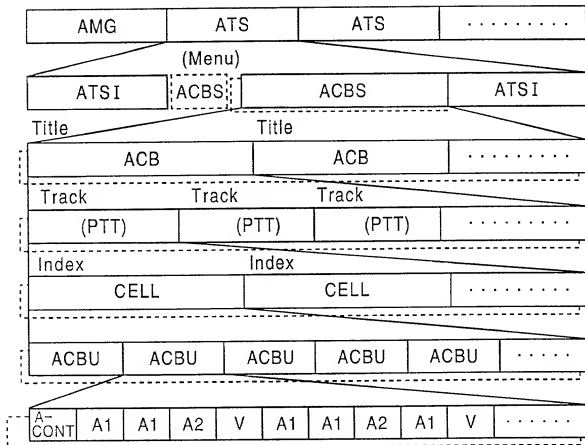
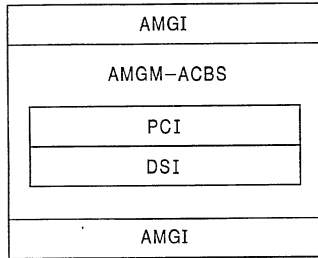
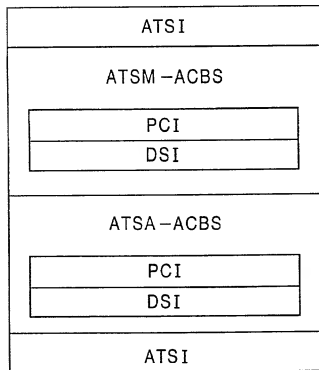


Fig. 2

*Fig. 3**Fig. 4*

AMGI-MAT
ATT-SRPT
AOTT-SRPT
AMGM-PGCI-UT
ATXTDT-MG

Fig. 5(c)

ATS-ATRTI
ATS-ATR-SRP#1
⋮
ATS-ATR-SRP#n
ATS-ATR#1
⋮
ATS-ATR#n

Fig. 6

ATS-ATR-EA
ATS-CAT
ATS-ATRTI

Fig. 7

ATSI-MAT
ATS-PTT-SRPT
ATS-PGCIT
ATSM-PGCI-UT
ATS-TMAPT
ATSM-C-ADT
ATSM-ACBU-ADMAP
ATS-C-ADT
ATS-ACBU-ADMAP

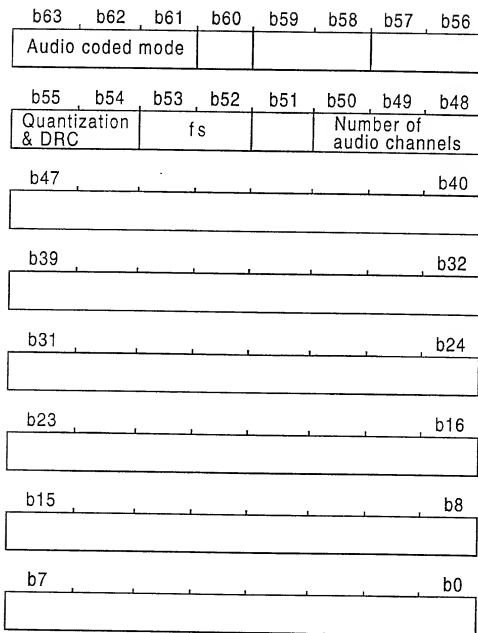
Fig. 8(a)

ATSI-MAT
ATS-PTT-SRPT
ATS-PGCIT
ATSM-PGCI-UT
ATS-TMAPT
ATSM-C-ADT
ATSM-ACBU-ADMAP
ATS-C-ADT
ATS-ACBU-ADMAP
TOC

Fig. 8(b)

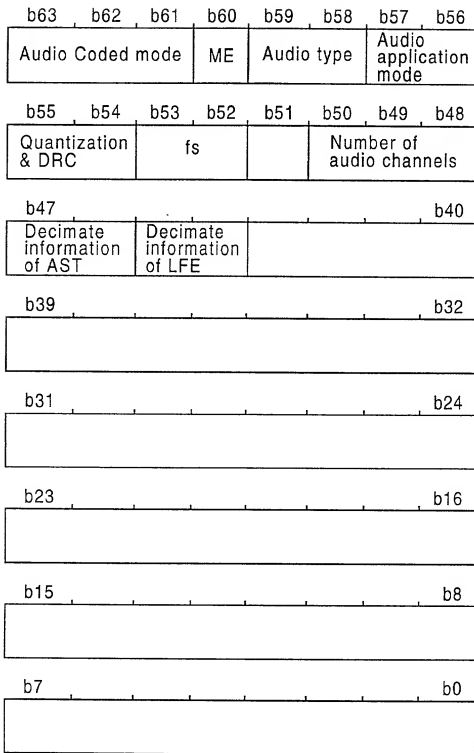
ATS-ID
ATS-EA
ATSI-EA
VERN
ATS-CAT
ATSI-MAT-EA
ATSM-ACBS-SA
ATSA-ACBS-SA
ATS-PTT-SRPT-SA
ATS-PGCIT-SA
ATSM-PGCI-UT-SA
ATS-TMAP-SA
ATSM-C-ADT-SA
ATSM-ACBU-ADMAP-SA
≈ Reserved ≈
ATSM-AST-ATR
ATS-AST-Ns
ATS-AST-ATRT

Fig. 9

*Fig. 10*

AST#0	ATS-AST-ATR	↕ 8 bytes
AST#1	ATS-AST-ATR	↕ 8 bytes
AST#2	ATS-AST-ATR	↕ 8 bytes
AST#3	ATS-AST-ATR	↕ 8 bytes
AST#4	ATS-AST-ATR	↕ 8 bytes
AST#5	ATS-AST-ATR	↕ 8 bytes
AST#6	ATS-AST-ATR	↕ 8 bytes
AST#7	ATS-AST-ATR	↕ 8 bytes

Fig. 11

*Fig. 12*

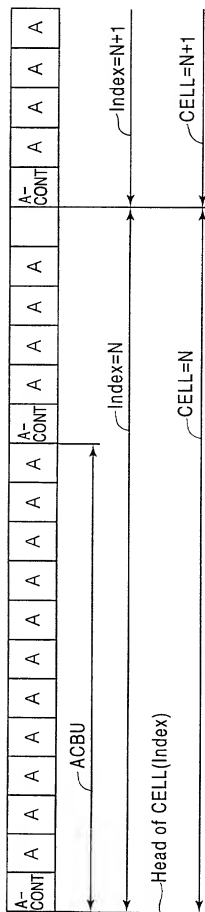


Fig. 13(b)

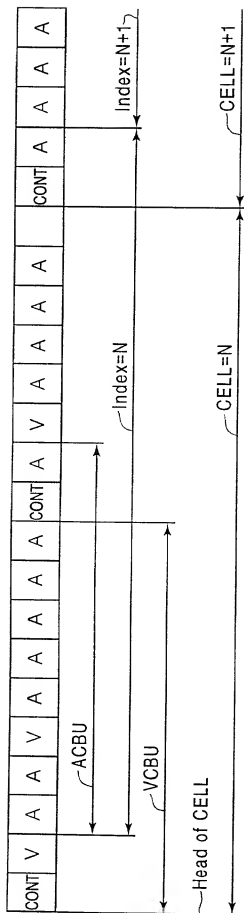
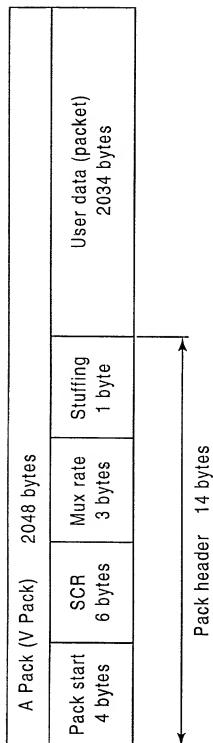
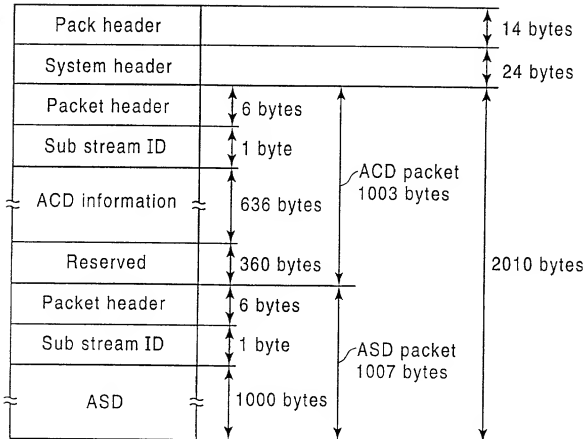


Fig. 13(c)

*Fig. 14*

*Fig. 15*

General information	48 bytes	
	[1]	[2]
Name space	93 bytes	93 bytes
Free space " 1 "	93 bytes	93 bytes
Free space " 2 "	93 bytes	93 bytes
Data pointer	15 bytes	15 bytes
Total	(294 bytes)	(294 bytes)

636 bytes

Fig. 16(a)

General information	48 bytes	294 bytes	636 bytes
Name space	93 bytes		
Free space " 1 "	93 bytes		
Free space " 2 "	93 bytes		
Data pointer	15 bytes		
Audio reproduction control information	294 bytes		

Fig. 16(b)

Newest Album
Composed by Paul McCartney
" S T A N D I N G S T O N E "

Fig. 17

General information	16 bytes	1000 bytes
Current number information	8 bytes	
Current time information	16 bytes	
Title set search information	8 bytes	
Title search information	8 bytes	
Track search information	404 bytes	
Index search information	408 bytes	
Highlight search information	80 bytes	
Reserved area	52 bytes	

Fig. 18(a)

General information	16 bytes	1000 bytes
Title set search information	8 bytes	
Title search information	8 bytes	
Track search information	404 bytes	
Index search information	408 bytes	
Highlight search information	80 bytes	
Reserved area	76 bytes	

Fig. 18(b)

Frame No.	Point	PMIN,	PSEC,	PFRAME	
n	01	00,	02,	32	
n+1	01	00,	02,	32	
n+2	01	00,	02,	32	
n+3	02	10,	15,	12	
n+4	02	10,	15,	12	
n+5	02	10,	15,	12	
n+6	03	16,	28,	63	
n+7	03	16,	28,	63	
n+8	03	16,	28,	63	
n+9	04	.	.		
n+10	04	.	.		
n+11	04	.	.		
n+12	05	.	.		
n+13	05	.	.		
n+14	05	.	.		
n+15	06	49,	10,	03	
n+16	06	49,	10,	03	
n+17	06	49,	10,	03	
n+18	A0	01,	00,	00	
n+19	A0	01,	00,	00	
n+20	A0	01,	00,	00	
n+21	A1	06,	00,	00	
n+22	A1	06,	00,	00	
n+23	A1	06,	00,	00	
n+24	A2	52,	48,	41	
n+25	A2	52,	48,	41	
n+26	A2	52,	48,	41	
n+27	01	00,	02,	32	
n+28	01	00,	02,	32	
.	
.	
.	

Fig. 19

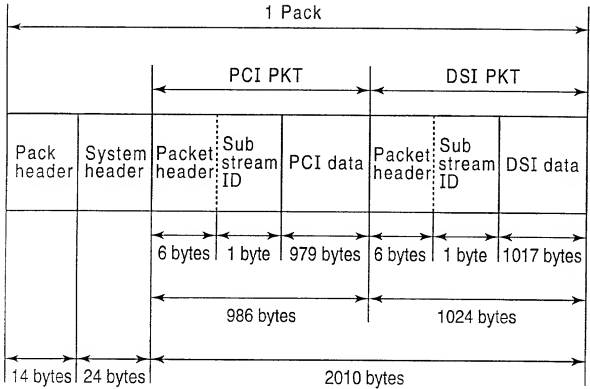


Fig. 20

PCI GI	60 bytes	979 bytes
NSML AGLI	36 bytes	
HLI	694 bytes	
RECI	189 bytes	

Fig. 21

(1) NV PCK LBN	4 bytes	60 bytes
(2) VOB CAT	2 bytes	
Reserved	2 bytes	
(3) VOB UOP CTL	4 bytes	
(4) VOB S PTM	4 bytes	
(5) VOB E PTM	4 bytes	
(6) VOB SE E PTM	4 bytes	
(7) C ELTM	4 bytes	
Reserved	32 bytes	

Fig. 22

ISRC V	10 bytes	189 bytes
ISRC A0	10 bytes	
ISRC A1	10 bytes	
ISRC A2	10 bytes	
ISRC A3	10 bytes	
ISRC A4	10 bytes	
ISRC A5	10 bytes	
ISRC A6	10 bytes	
ISRC A7	10 bytes	
ISRC SP0	10 bytes	
ISRC SP1	10 bytes	
ISRC SP2	10 bytes	
ISRC SP3	10 bytes	
ISRC SP4	10 bytes	
ISRC SP5	10 bytes	
ISRC SP6	10 bytes	
ISRC SP7	10 bytes	
ISRC SP SEL	1 byte	
Reserved	18 bytes	

Fig. 23

DSI GI	32 bytes	1017 bytes
SML PBI	148 bytes	
SML AGLI	54 bytes	
VOBU SRI	168 bytes	
SYNCI	144 bytes	
Reserved	471 bytes	

Fig. 24

(1) NV PCK SCR	4 bytes	32 bytes
(2) NV PCK LBN	4 bytes	
(3) VOB U EA	4 bytes	
(4) VOB U 1STREF EA	4 bytes	
(5) VOB U 2NDREF EA	4 bytes	
(6) VOB U 3RDREF EA	4 bytes	
(7) VOB U VOB IDN	2 bytes	
Reserved	1 byte	
(8) VOB U C IDN	1 byte	
(9) C ELTM	4 bytes	

Fig. 25

(1) VOB SML CAT	2 bytes	148 bytes
(2) ILVU EA	4 bytes	
(3) NXT ILVU SA	4 bytes	
(4) NXT ILVU SZ	2 bytes	
(5) VOB V S PTM	4 bytes	
(6) VOB V E PTM	4 bytes	
(7) VOB A STP PTM	8×8 bytes	
(8) VOB A GAP LEN	8×8 bytes	

Fig. 26

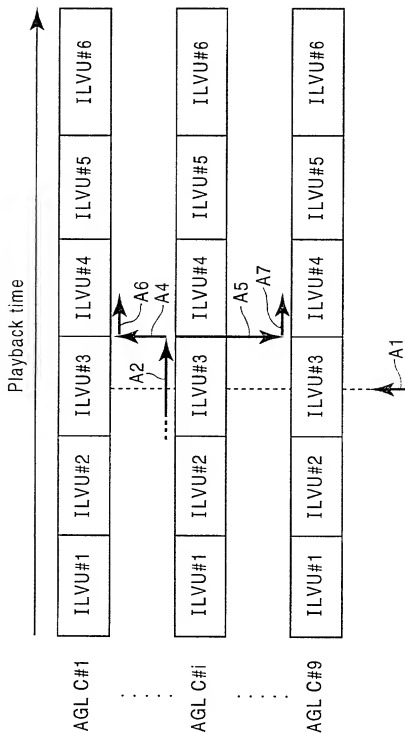
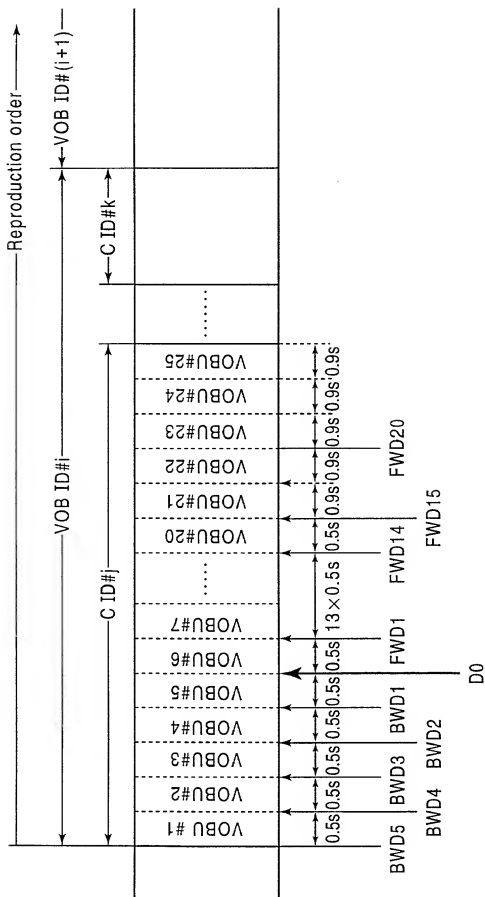


Fig. 27



FWDI Video	4 bytes
FWDI 240	4 bytes
FWDI 120	4 bytes
FWDI 60	4 bytes
FWDI 20	4 bytes
FWDI 15	4 bytes
FWDI 14	4 bytes
FWDI 13	4 bytes
FWDI 12	4 bytes
FWDI 11	4 bytes
FWDI 10	4 bytes
FWDI 9	4 bytes
FWDI 8	4 bytes
FWDI 7	4 bytes
FWDI 6	4 bytes
FWDI 5	4 bytes
FWDI 4	4 bytes
FWDI 3	4 bytes
FWDI 2	4 bytes
FWDI 1	4 bytes
FWDI Next	4 bytes
BWDI Prev	4 bytes
BWDI 1	4 bytes
BWDI 2	4 bytes
BWDI 3	4 bytes
BWDI 4	4 bytes
BWDI 5	4 bytes
BWDI 6	4 bytes
BWDI 7	4 bytes
BWDI 8	4 bytes
BWDI 9	4 bytes
BWDI 10	4 bytes
BWDI 11	4 bytes
BWDI 12	4 bytes
BWDI 13	4 bytes
BWDI 14	4 bytes
BWDI 15	4 bytes
BWDI 20	4 bytes
BWDI 60	4 bytes
BWDI 120	4 bytes
BWDI 240	4 bytes
BWDI Video	4 bytes

168 bytes

Fig. 29

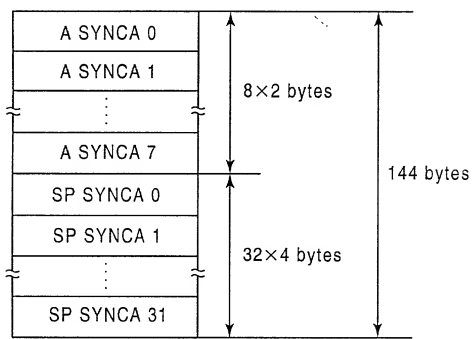
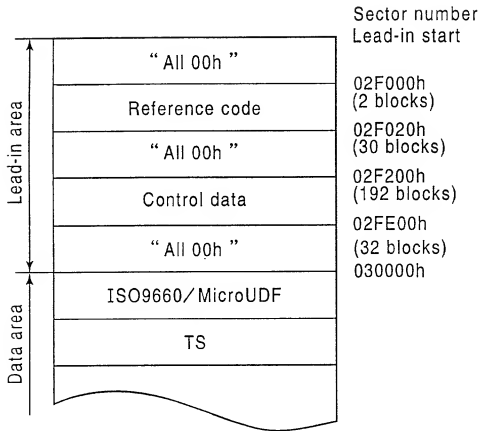
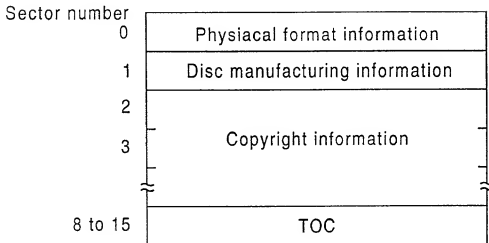


Fig. 30

**Fig. 31****Fig. 32**

Byte	Area	Number of bytes
0	Book type & part version	1 byte
1	Disc size & minimum lead-out rate	1 byte
2	Disc structure	1 byte
3	Recording density	1 byte
4 to 15	Data area allocation (Start address: 030000h End address : xxxxxx)	12 bytes
16 to 2047	Reserved	2032 bytes

Fig. 33

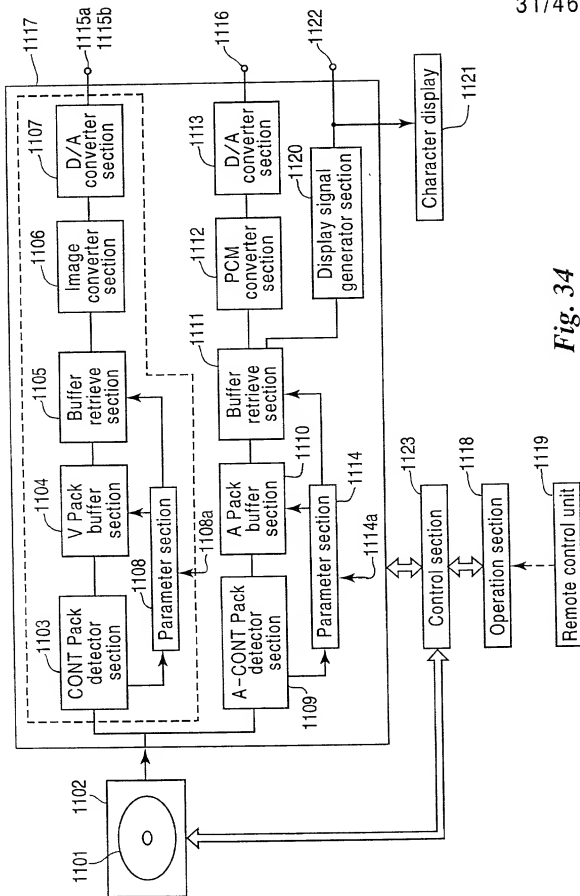


Fig. 34

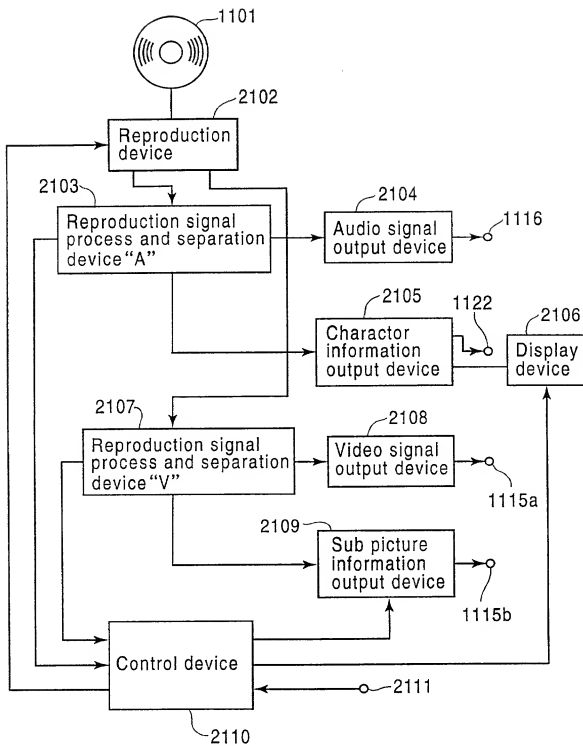


Fig. 35

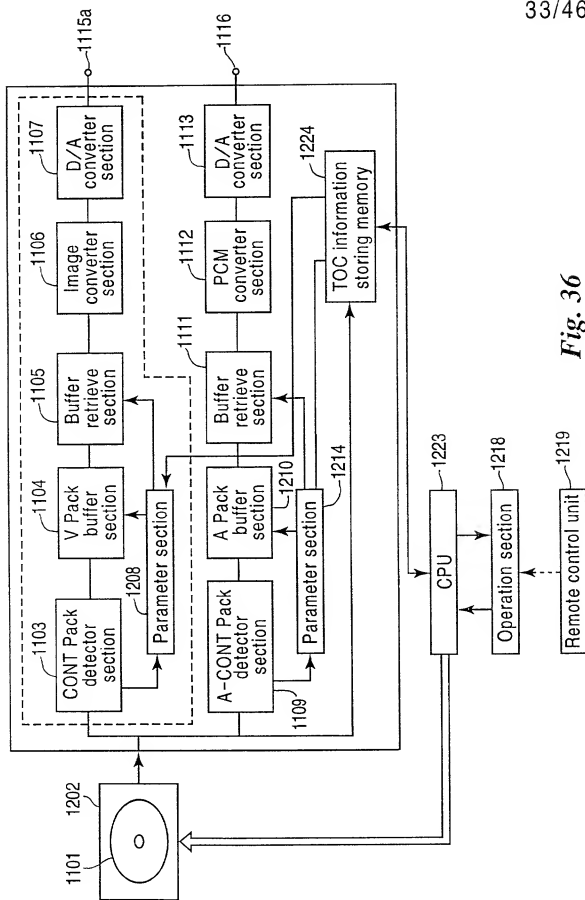


Fig. 36

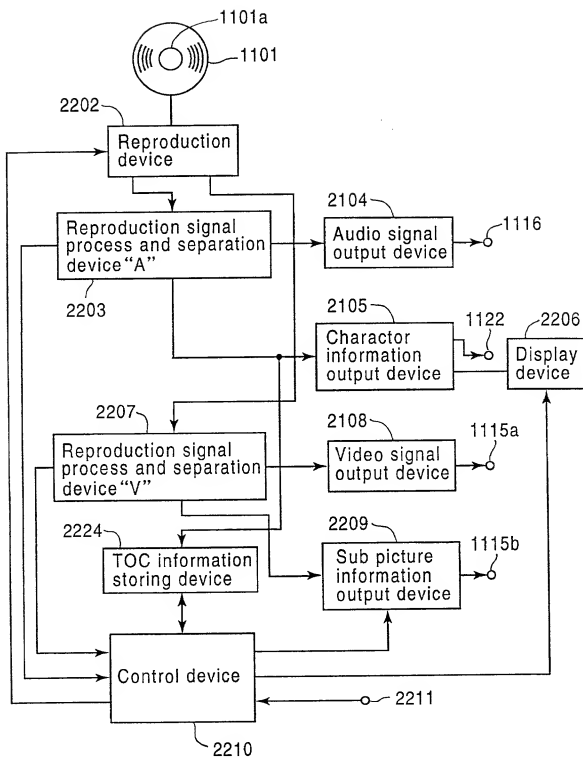


Fig. 37

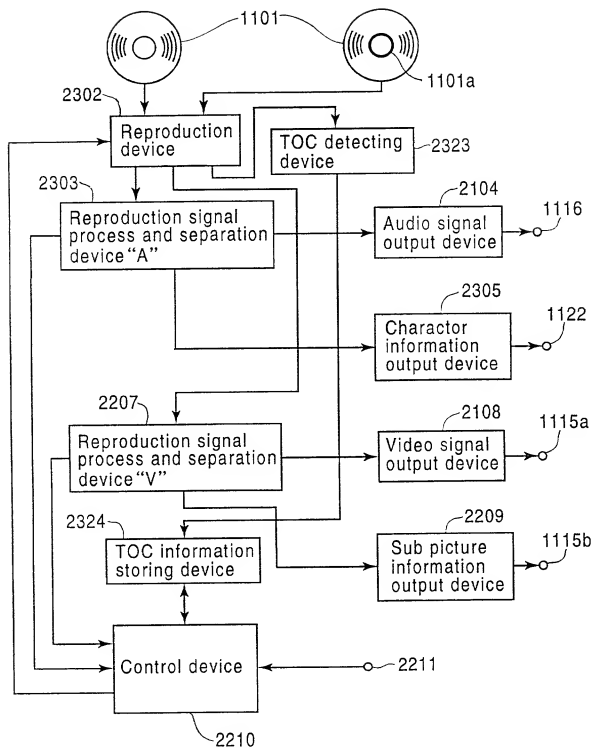
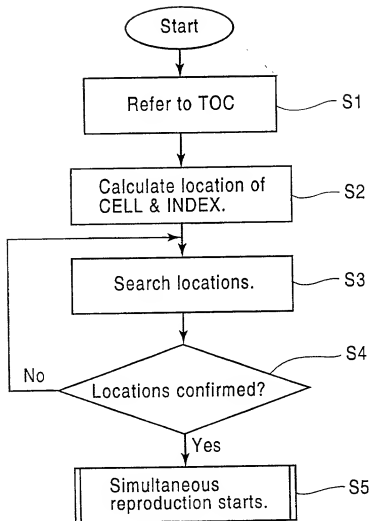


Fig. 38

**Fig. 39**

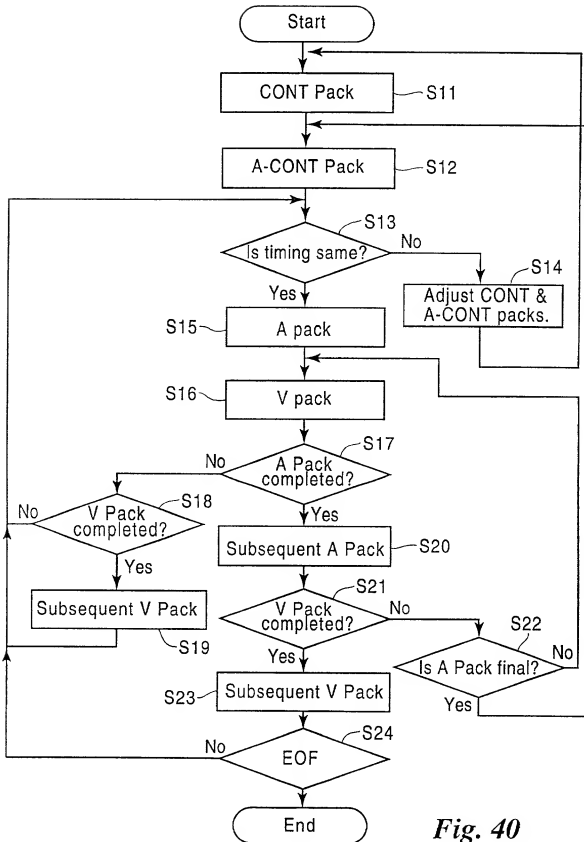


Fig. 40

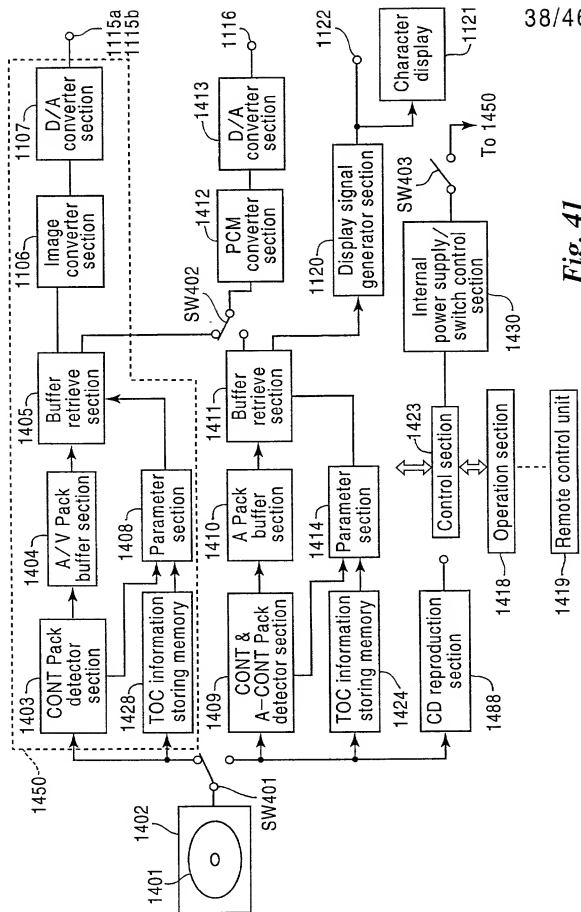
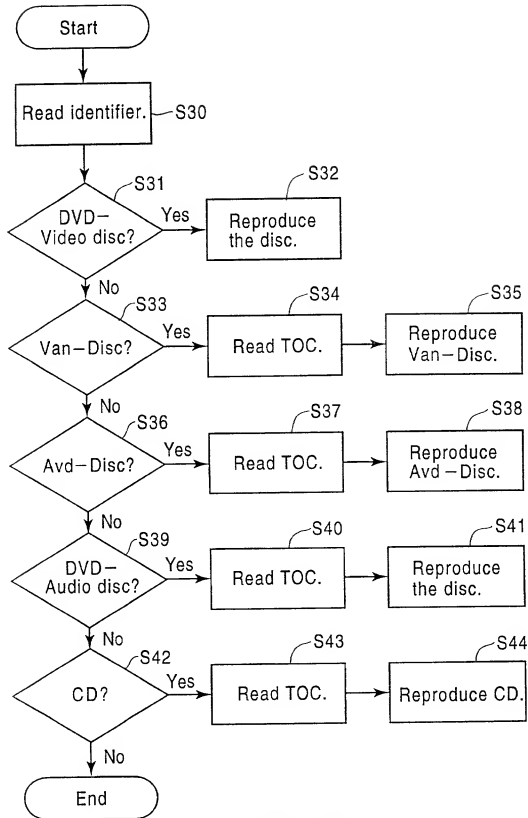
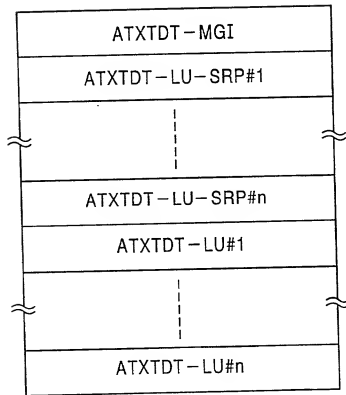
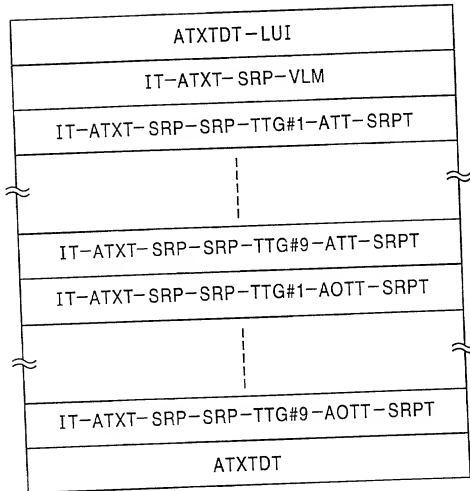
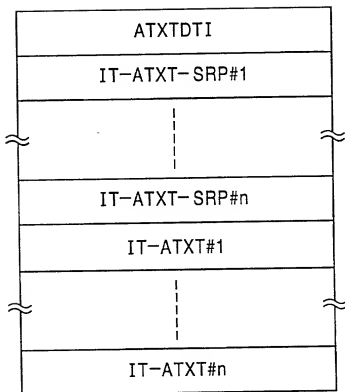


Fig. 41

**Fig. 42**

*Fig. 43*

*Fig. 44*

*Fig. 45*

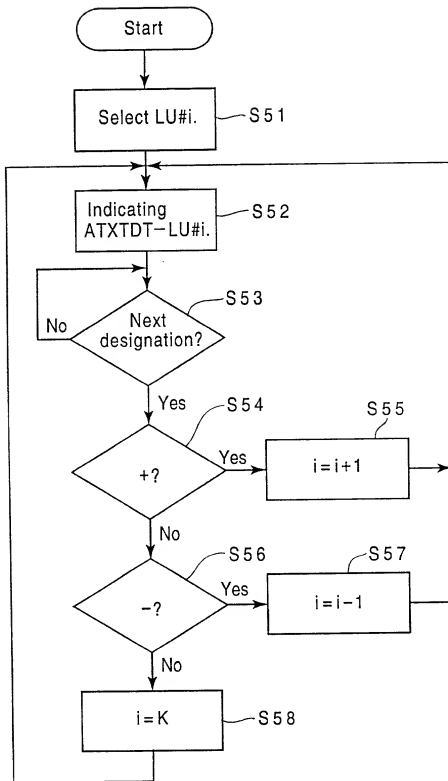
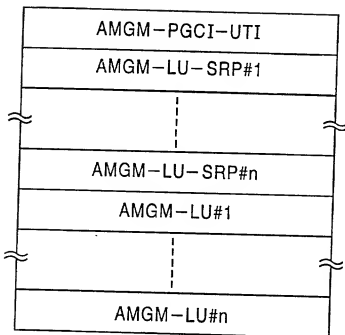
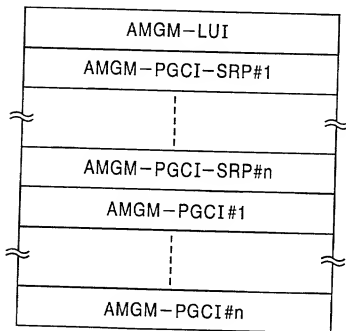
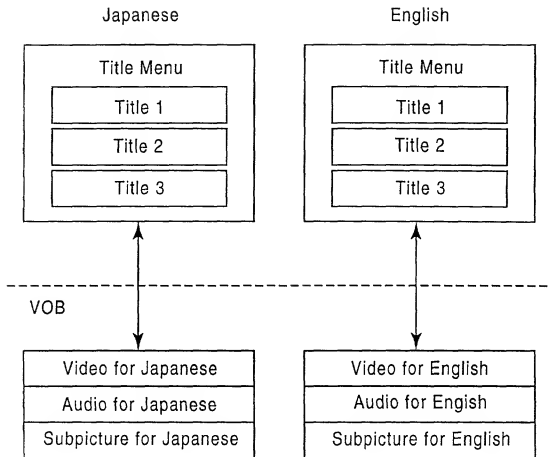
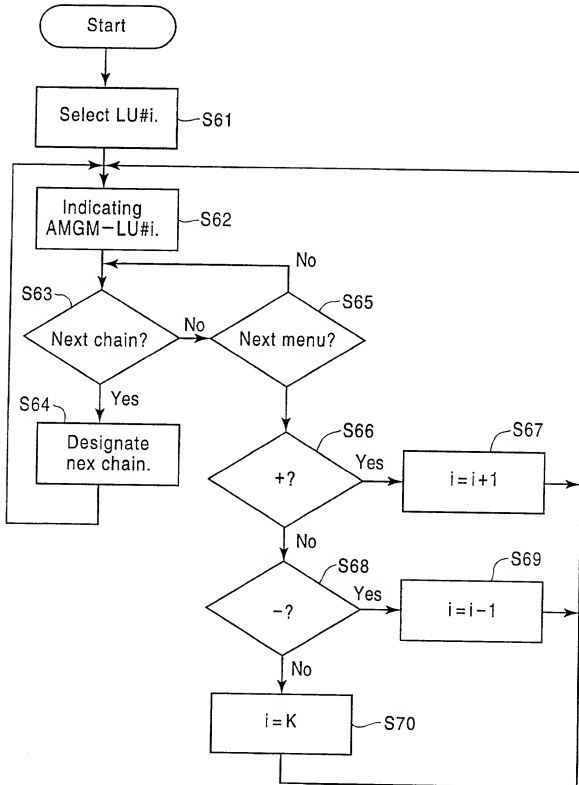


Fig. 46

*Fig. 47**Fig. 48*

*Fig. 49*

**Fig. 50**